

Amendments to the Claims

Please cancel claims 18-19, 21-23 and claims 50-52, and add new claims 86-88, as indicated below.

The following listing of the claims replaces all previous listings.

Claims 1-17. Cancelled.

Claims 18-19. (Cancelled)

20. (cancelled)

Claims 21-23. (Cancelled)

Claims 24-49. (Cancelled)

Claims 50-52. (Cancelled)

Claims 53 - 54. (Cancelled)

55. (currently amended) ~~A substantially pure~~ An isolated MAIAP nucleic acid, wherein said nucleic acid encodes the MAIAP polypeptide set forth in SEQ ID NO: 12.

56. (original) The MAIAP nucleic acid of claim 55, wherein said nucleic acid comprises the nucleotide sequence set forth in SEQ ID NO: 11.

Claims 57-85. Cancelled.

86. (new) The nucleic acid of claim 56, wherein said nucleic acid is DNA or RNA.

87. (new) A vector comprising the nucleic acid of claim 56.

88. (new) An isolated cell comprising the nucleic acid of claim 56.